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# Flush-type connector - SACC-CI-M12FS-8CON-L180-10G - 1402457

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Cat6<sub>A</sub> flush-type socket, Ethernet, 8-pos., rear mounting, with straight solder connection

## Why buy this product

- Reduzierte Montagekosten dank zweiteiliger Gerätesteckverbinder
- Alle gängigen Polbilder und Kodierungen verfügbar
- Einfache Geräteintegration durch mechanische Port-Verschraubungen mit Gewindefestigung, Einpresskontur oder zur direkten Integration in die Frontplatte



## Key Commercial Data

Packing unit	20 STK
GTIN	 4 046356 615907

## Technical data

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP20

### General

Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
Rated current at 40°C	0.5 A
Rated voltage	50 V AC 60 V DC
Rated surge voltage	1.5 kV
Number of positions	8
Insulation resistance	> 100 MΩ

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## Technical data

### General

Coding	X - data
Standards/regulations	M12 connector IEC 61076-2-109
Signal type/category	Ethernet CAT6 <sub>A</sub>
Overvoltage category	III
Degree of pollution	3
Connection method	THR solder connection
Insertion/withdrawal cycles	> 100
Mounting type	PCB mounting
Type of packaging	Tray

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PPA
Material	Zinc die-cast (nickel-plated)

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-109
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27440103

### ETIM

ETIM 4.0	EC002061
ETIM 5.0	EC002061

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501

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## Classifications

### UNSPSC

UNSPSC 13.2	39121413
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## Approvals

### Approvals

### Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

### Ex Approvals

### Approvals submitted

## Approval details

UL Recognized	
Nominal current IN	0.5 A
Nominal voltage UN	60 V

cUL Recognized	
Nominal current IN	0.5 A
Nominal voltage UN	60 V

EAC
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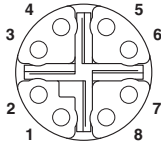
EAC
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cULus Recognized
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## Drawings

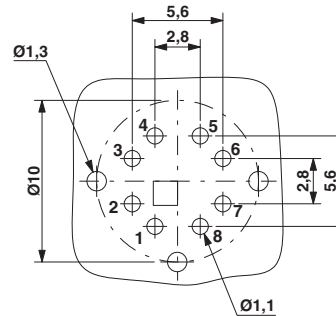
# Flush-type connector - SACC-CI-M12FS-8CON-L180-10G - 1402457

Schematic diagram



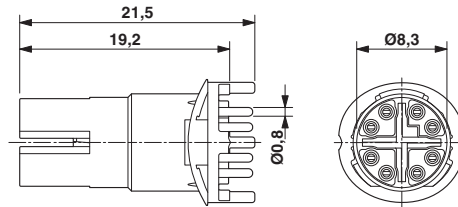
Pin assignment M12 connector, 8-pos., view socket side

Drilling diagram



Soldering pad geometry

Dimensional drawing



M12 female connector contact carrier

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>



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Product	Code	Reference	Product link
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